

Email from Mark Hydeman regarding Footnote C, Table 112-H

From: Mark Hydeman <mhydeman@taylor-engineering.com>
To: Anthony DePalma (E-mail); Bob Shriver (E-mail); Jim Furlong (E-mail); Mark Hydeman; Paul Lindahl (E-mail)
CC: Bill Pennington; Brad Meister; Bryan Alcorn; celey@eley.com; Daryl Mills; Jon Leber; kimberly@eley.com; Steven T. Taylor
Date: 03/13/03 04:58PM
Subject: Title 24 2005 Proposed footnote c for Table 112-H Heat Rejection Units and new definitions

Bob, Paul, Jim and Tony:

Attached [below] for your comment and review is a document with our proposed revision to footnote C for Table 112-H of California's Title 24, 2005 Building Energy Standard. It also has proposed definitions for "field erected" and "factory assembled" cooling towers.

The intent of the footnote is to require CTI certification for all factory assembled cooling towers (but not field erected towers) and efficiency requirements for both factory assembled and field erected cooling towers. The existing efficiency requirements (hp/gpm) from Title 24 2001 (and ASHRAE 90.1-2001) are proposed for the 2005 standards. Please send me any comments that you have. Give me a call or send me an email if you have any questions.

Sincerely,
- Mark

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Footnote C for Table 112-H

"Cooling towers shall use the test procedures in CTI ATC-105 and factory assembled cooling towers shall be certified as specified in CTI STD-201. There are no certification requirements for field erected cooling towers."

Definitions for Section 101

Factory Assembled Cooling Towers are cooling towers constructed from factory assembled modules either shipped to the site in one piece or put together in the field.

Field Erected Cooling Towers are cooling towers which are custom designed for a specific application and which can not be delivered to a project site in the form of factory assembled modules due to their size, configuration, or materials of construction.

Background

Field Erected Cooling Towers are one of a kind devices. Each tower would have to be individually tested for CTI certification and the tests would have to be performed in the field.

CTI certification allows factory towers to be tested on a single model for each model line.

[end]